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	Filing Date		2005-01-21	
	First Named Inventor	Yuehui Zhou et al.		
	Art Unit	1626		
	Examiner Name	Rei Tsang Shiao		
Attorney Docket Number		02007-00		

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2	63119490	JP	A	1988-05-24	DAI ICHI KOGYO SEIYAKU CO LTD	with English Abstract	<input checked="" type="checkbox"/>
3	0455257	EP	A	1991-11-06	UNION CARBIDE CHEMICALS AND PLASTICS COMPANY, INC.		<input checked="" type="checkbox"/>
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7	0187900	WO		2001-11-22	CYTEC TECHNOLOGY CORP.		<input checked="" type="checkbox"/>
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2	COMYNS, C. et al., Clean catalysis with clean solvents - phosphonium tosylates for transfer hydrogenation reactions, <i>Catalysis Letters</i> , Vol. 67, No. 2-4, March 10, 2000, pp. 113-115.	<input type="checkbox"/>
3	KARODIA, N. et al., Clean catalysis with ionic solvents - phosphonium tosylates for hydroformylation, <i>Chemical Communications</i> , No. 21, 1996, pp. 2341-2342.	<input type="checkbox"/>
4	BOY CORNILS and WOLFGANG A. HERMANN, <i>Aqueous Phase Organometallic Catalysis, Concepts and Applications</i> , May 28, 2006, pp. 555-563.	<input type="checkbox"/>
5	ABDALLAH, D. J. et al., Smectic Liquid-Crystalline Phases of Quaternary Group VA (Especially Phosphonium) Salts with Three Equivalent Long N-Alkyl Chains. How Do Layered Assemblies Form in Liquid-Crystalline Phases?, <i>Journal of the American Chemical Society</i> , Vol. 122, No. 13, April 5, 2000, pp. 3053-3062.	<input type="checkbox"/>
6	ESTERUELAS, M. A. et al., Reductive Elimination of [Ph ₂ C=C=CHPR ₃][BF ₄] from the Rhodium (III) - Allenyl Derivatives [Rh(acac)(CH=C=CPh ₂)(PR ₃) ₂][BF ₄] (PR ₃ = PCy ₃ , PIPR ₃), <i>Organometallics</i> , Vol. 16, No. 21, October 14, 1997, pp. 4572-4580.	<input type="checkbox"/>
7	IMRIE, C. et al., Photolysis of (Arylmethyl) triphenylphosphonium Salts. Substituent, Counterion, and Solvent Effects on Reaction Products, <i>Journal of Organic Chemistry</i> , Vol. 58, No. 21, 1993, pp. 5643-5649.	<input type="checkbox"/>
8	KANAZAWA, A. et al., Polymeric Phosphonium Salts as a Novel Class of Cationic Biocides. II. Effects of Counter Anion and Molecular Weight on Antibacterial Activity of Polymeric Phosphonium Salts, <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> , Vol. 31, No. 6, 1993, pp. 1441-1447.	<input type="checkbox"/>
9	DEMA, A. et al., Transformation of Alkynylphosphine Oxides and Alkynylphosphonium Cations to 2-Alkylidene-1, 2-dihydro-3-phosphete Ligands by P1-H Addition and Rearrangement Reactions, <i>Organometallics</i> , Vol. 10, No. 4, 1991, pp. 1197-1200.	<input type="checkbox"/>
10	JONES, R. A. et al., Synthesis and X-ray Crystal Structure of (Triphenylmethyl) trimethylphosphonium Tetrafluoroborate, <i>Journal of the Chemical Society, Perkin Transactions II</i> , No. 1, 1980, pp. 117-120.	<input type="checkbox"/>
11	CERICHELLI G., et al., Role of Counterions in the Catalytic Activity and Phase Equilibria of Phosphonium Salts in Water, <i>Langmuir</i> , Vol. 16, No. 1, January 11, 2000, pp. 156-171.	<input type="checkbox"/>
12	ALBANESE, D. et al., Synthesis of Pentacoordinated Tetraalkylammonium and Tetraalkylphosphonium Difluorosilicates, <i>Tetrahedron Letters</i> , Vol. 36, No. 48, November 27, 1995, pp. 8865-8866.	<input type="checkbox"/>

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13	MASATSUGU, O. et al., Effects of Crosslinking on Physical Properties of Phenol-Formaldehyde Novolac Cured Epoxy Resins, Journal of Applied Polymer Science, Vol. 48, No. 4, April 20, 1993, pp. 583-601.	<input type="checkbox"/>
14	YANMAELE, L., Non-polymeric Phosphonium Nordaning Agents, Research Disclosure, No. 287, 1988, pp. 133-134.	<input type="checkbox"/>
15	BARRAUD A. et al., A Novel Highly Conducting Phosphonium Tetracyanoquinodimethane Langmuir-Blodgett Film, Vol. 160, No. 1, June 1, 1988, pp. 81-85.	<input type="checkbox"/>
16	ADAMS, C. et al., Friedel-Crafts reactions in room temperature ionic liquids, Chemical Communications, No. 19, 1998, pp. 2097-2098.	<input type="checkbox"/>
17	CHAUVIN, Y. et al., Catalytic Dimerization of Alkenes by Nickel Complexes in Organochloroaluminate Molten Salts, Journal of the Chemical Society, Chemical Communications, No. 23, 1990, pp. 1715-1716.	<input type="checkbox"/>
18	BOHM, V. et al., Nonaqueous Ionic Liquids: Superior Reaction Media for the Catalytic Heck-Vinylation of Chloroarenes, Chemistry - A European Journal, Vol. 6, No. 6, March 17, 2000, pp. 1017-1025.	<input type="checkbox"/>
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20	CHAUVIN, Y. et al., Oligomerization of n-Butenes Catalyzed by Nickel Complexes Dissolved in Organochloroaluminate Ionic Liquids, Journal of Catalysis, Vol. 165, 1997, pp. 275-278.	<input type="checkbox"/>
21	FISCHER, T. et al., Diels-Alder Reactions in Room-Temperature Ionic Liquids, Tetrahedron Letters, Vol. 40, No. 4, January 22, 1999, pp. 793-796.	<input type="checkbox"/>
22	WESSLOWSKI, H. et al., Novel perfluoroalkenylphosphonates and iodoperfluoroalkenes from 3,3-bis (trifluoromethyl) -1,1,2,4,4,4-hexafluoro-1-butylene and nonafluoro-n-butoxy-1,1,2-trifluoroethylene, Journal of Fluorine Chemistry, Vol. 80, No. 2, 1996, pp. 149-152.	<input type="checkbox"/>
23	SARBU, T. et al, ATRP of Methyl Methacrylate in the Presence of Ionic Liquids with Ferrous and Copious Anions, Macromol. Chem. Phys. 2001, 202, pp. 3379-3397.	<input type="checkbox"/>

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